

7th Computer
Curriculum Mapping
2019-2020
Christina Strid

Unit: <i>Unit 1 - Keyboarding</i>		Time: <i>August 2019</i>
Standards Taught		
<p>7.ET.OC.3 Students demonstrate skills in utilizing technological systems.</p> <ul style="list-style-type: none"> ▪ 3.1 Implement grade-level appropriate technology vocabulary. ▪ 3.4 Apply technology systems and resources using a variety of technology interfaces to complete a variety of learning activities. ▪ 3.5 Incorporate the use of keyed technology into any learning environment. ▪ 3.6 Categorize the causes of routine hardware or software problems. 		
Differentiation/Assessment:	Classroom Management and Environment:	What will the students be doing?
<i>Students who needed the extra help received guided notes, extra individual practice, modified questions and shortened tests.</i>	<i>The classroom is set up using nine tables. The students move into different groups to practice speech and listening skills. Overall the environment is structured and has rules and procedures in place.</i>	<i>Students will be working on their typing skills for one final time using various online programs.</i>
Prior Knowledge Needed	Vocabulary	Assessments
<i>Students have a foundation in computer science that they will upon in this course.</i>	<i>Computer terms Typing terms</i>	<i>Students will answer questions in class, participate in discussions, daily assignments and a unit test.</i>
Reflection: <i>This is the final review of keyboarding skills from elementary.</i>	Essential Questions: <ul style="list-style-type: none"> • <i>Why is typing an important skills in today's society.</i> 	
Relevance	Keyboarding is an essential skill for most careers.	

Unit: Unit 2 - Word		Time: September 2019
Standards Taught		
<ul style="list-style-type: none"> ▪ 7.ET.RL.1 Students use technology to locate, organize, evaluate and analyze information. ▪ 7.ET.RL.2 Students determine the reliability and relevancy of information. ▪ 7.ET.CT.1 Students analyze the relationship of technology in careers, communities, and society. ▪ 7.ET.CT.2 Students demonstrate the design process through problem solving. ▪ 7.ET.CT.3 Students evaluate and select technology tools based on the specific tasks ▪ 7.ET.DC.1 Students analyze the safe, ethical, legal, and societal issues related to technology. ▪ 7.ET.OC.1 Students interpret the history and progression of technology. ▪ 7.ET.OC.2 Students analyze the parts of a technological system ▪ 7.ET.OC.3 Students demonstrate skills in utilizing technological systems. ▪ 7.ET.CI.1 Students use technology to generate ideas and promote creativity. ▪ 7.ET.CC.1 Students use technology to communicate with others. ▪ 7.ET.CC.2 Students collaborate to exchange information and ideas for an identified purpose. 		
Differentiation/Assessment:	Classroom Management and Environment:	What will the students be doing?
<i>Students who needed the extra help received guided notes, extra individual practice, modified questions and shortened tests.</i>	<i>The classroom is set up using nine tables. The students move into different groups to practice speech and listening skills. Overall the environment is structured and has rules and procedures in place.</i>	<i>The students will be Identify parts of the screen, name and save documents, work with folders, set margins and tabs, apply and clear styles, change case and use character effects, create a business letter, research information and print, format an academic report, create a newsletter.</i>
Prior Knowledge Needed	Vocabulary	Assessments
<i>Students have a foundation in computer science that they will upon in this course.</i>	<i>Margins Styles Change case Character effects Business letter Academic report</i>	<i>Students will answer questions in class, participate in discussions, daily assignments and a unit test.</i>
Reflection: <i>This is an important unit to begin the year. These skills will help students in all classes.</i>	Essential Questions: <ul style="list-style-type: none"> • <i>Why is it important to be able to write professional documents?</i> • <i>Why is it important to be able to research effectively?</i> • <i>What is academic integrity?</i> 	
Relevance	Word processing is a vital skill for all students.	

Unit: <i>Unit 3 - Excel</i>		Time: <i>October - November 2019</i>
Standards Taught		
<ul style="list-style-type: none"> ▪ <i>7.ET.RL.1 Students use technology to locate, organize, evaluate and analyze information.</i> ▪ <i>7.ET.RL.2 Students determine the reliability and relevancy of information.</i> ▪ <i>7.ET.CT.1 Students analyze the relationship of technology in careers, communities, and society.</i> ▪ <i>7.ET.CT.2 Students demonstrate the design process through problem solving.</i> ▪ <i>7.ET.CT.3 Students evaluate and select technology tools based on the specific tasks</i> ▪ <i>7.ET.DC.1 Students analyze the safe, ethical, legal, and societal issues related to technology.</i> ▪ <i>7.ET.OC.1 Students interpret the history and progression of technology.</i> ▪ <i>7.ET.OC.2 Students analyze the parts of a technological system</i> ▪ <i>7.ET.OC.3 Students demonstrate skills in utilizing technological systems.</i> ▪ <i>7.ET.CI.1 Students use technology to generate ideas and promote creativity.</i> ▪ <i>7.ET.CC.1 Students use technology to communicate with others.</i> • <i>7.ET.CC.2 Students collaborate to exchange information and ideas for an identified purpose.</i> 		
Differentiation/Assessment:	Classroom Management and Environment:	What will the students be doing?
<i>Students who needed the extra help received guided notes, extra individual practice, modified questions and shortened tests.</i>	<i>The classroom is set up using nine tables. The students move into different groups to practice speech and listening skills. Overall the environment is structured and has rules and procedures in place.</i>	<i>Students will Enter, edit and format data, add/delete rows and column, write formulas, create tables and charts.</i>
Prior Knowledge Needed	Vocabulary	Assessments
<i>Students have a foundation in computer science that they will upon in this course.</i>	<i>Format Data Rows Columns Formulas Tables charts</i>	<i>Students will answer questions in class, participate in discussions, daily assignments and a unit test.</i>
Reflection:	Essential Questions:	
	<ul style="list-style-type: none"> • <i>Why are spreadsheet skills important?</i> • <i>How are spreadsheets used in the real world?</i> • <i>How can I apply spreadsheets to practical applications?</i> 	
Relevance	Spreadsheets are a powerful tool for analyzing and presenting data.	

Unit: Unit 4 - PowerPoint		Time: November - December 2019
Standards Taught		
<ul style="list-style-type: none"> • 7.ET.RL.1 Students use technology to locate, organize, evaluate and analyze information. • 7.ET.RL.2 Students determine the reliability and relevancy of information. • 7.ET.CT.1 Students analyze the relationship of technology in careers, communities, and society. • 7.ET.CT.2 Students demonstrate the design process through problem solving. • 7.ET.CT.3 Students evaluate and select technology tools based on the specific tasks • 7.ET.DC.1 Students analyze the safe, ethical, legal, and societal issues related to technology. • 7.ET.OC.1 Students interpret the history and progression of technology. • 7.ET.OC.2 Students analyze the parts of a technological system • 7.ET.OC.3 Students demonstrate skills in utilizing technological systems. • 7.ET.CI.1 Students use technology to generate ideas and promote creativity. • 7.ET.CC.1 Students use technology to communicate with others. • 7.ET.CC.2 Students collaborate to exchange information and ideas for an identified purpose. 		
Differentiation/Assessment:	Classroom Management and Environment:	What will the students be doing?
<i>Students who needed the extra help received guided notes, extra individual practice, modified questions and shortened tests.</i>	<i>The classroom is set up using nine tables. The students move into different groups to practice speech and listening skills. Overall the environment is structured and has rules and procedures in place.</i>	The students will create, view and save presentations; use various views; edit and format slides; create presentations using tables and smart art; apply themes; work with graphics, transitions and animations; and customize backgrounds.
Prior Knowledge Needed	Vocabulary	Assessments
<i>Students have a foundation in computer science that they will upon in this course.</i>	<i>Presentations Slides Tables Smart art Transitions animations</i>	<i>Students will answer questions in class, participate in discussions, daily assignments and a unit test.</i>
Reflection:	Essential Questions: <ul style="list-style-type: none"> • <i>Why is it important to be able to create a professional presentation?</i> • <i>Why are presentation skills important?</i> • <i>How are presentations useful in your life?</i> 	
Relevance	Students will need to be able to gather and present information in various classes.	

